



PTO/SB/25 (06-95)
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**TERMINAL DISCLAIMER TO OBLIATE A DOUBLE PATENTING
REJECTION OVER A PRIOR PATENT**

Docket Number (Optional)
2785 US

In re Application of: Edward Colles Nevill

Application Serial No.: 08/840,557

Filed: April 14, 1997

For: INTEROPERABILITY WITH MULTIPLE INSTRUCTION SETS

The owner, Advanced Rise Machines Limited,* of the entire interest in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 to 156 and 173, as presently shortened by any terminal disclaimer, of prior Patent No. 5,758,115. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173 of the prior patent, as presently shortened by any terminal disclaimer, in the event that it later: expires for failure to pay a maintenance fee; is held unenforceable; is found invalid by a court of competent jurisdiction; is statutorily disclaimed in whole or terminally disclaimed under 37 CFR § 1.321; has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

Check either box 1 or 2 below, if appropriate.

1. ☐ For submissions on behalf of an organization (e.g. corporation, partnership, university, government agency, etc.), the undersigned is empowered to act on behalf of the organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2. ☒ The undersigned is an attorney of record.

23 September 1998
Date

John T. McNelis
Signature

10/01/1996 **ADMINISTRATIVE 00000052 06840557**

01 FC:148

110.00 US

John T. McNelis, Esq. / Reg. No. 37,186
Typed or printed name

- ☒ Terminal Disclaimer fee under 37 CFR 1.20(d) included
- ☒ Fee Transmittal included
- ☒ PTO suggested wording for terminal disclaimer was
- ☒ unchanged ☐ changed (if changed, an explanation should be supplied).

*Certificate under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)
1103179-0009

As a below named inventor, I hereby declare that:
My residence, mailing address and citizenship are stated below next to my name. I believe I am the original, first and sole inventor of the subject matter which is described and claimed in patent number 6,021,265, granted February 1, 2000, and for which a reissue patent is sought on the invention entitled Interoperability with Multiple Instruction Sets the specification of which

☒ is attached hereto.

☐ was filed on _____ as reissue application number _____ / _____
and was amended on _____
(If Applicable)

I have reviewed and understand the contents of the above identified specification, including the claims,
as amended by the amendment filed herewith.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)			Priority claimed	
<u>9411670.4</u>	<u>UK</u>	<u>10 June 1994</u>	<u>X</u>	
(Number)	(Country)	(Day/month/year filed)	Yes	No

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below.

<u>08/477,781</u>	<u>June 7, 1995</u>	<u>Patented (US 5,758,115)</u>
(Application Number)	(Filing Date)	(Status—patented, pending, abandoned)

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming less than he had the right to claim in the patent, as described below:

☐ by reason of other errors.

My invention for a data processing apparatus for switching between multiple instruction sets, described in my patent, has numerous novel and non-obvious aspects to it. Some aspects of my invention are claimed. For example, claim 1 refers to indicator bits that are predetermined bits of a program counter register. Other novel and non-obvious aspects of my invention were unintentionally omitted from the claims without any deceptive intent on my part. For example, as the specification of the patent explains, one of the advantages of the invention is the use of a single machine word to specify both the address of an instruction and the instruction set from which the instruction comes. When a machine word is used to identify both the address of a instruction and the instruction set for the addressed instruction, a single instruction can be used to access another instruction from another instruction set. This is true regardless of whether the indicator bits are maintained as part of the program counter register or not. This aspect of my invention, along with others, have now been claimed as part of the present reissue application.

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)		Docket Number (Optional) 1103179-0009
As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.		
Name(s)	Registration Number	
All practitioners at Customer Number 007470		
Correspondence Address Direct all communications about the application to:		
<input checked="" type="checkbox"/> Customer Number	<div style="border: 1px solid black; padding: 2px; display: inline-block;">007470</div> <div style="font-size: 2em; vertical-align: middle;">→</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 10px;"> Place Customer Number Bar Code Label Here </div>	Type Customer Number Here
Direct all telephone calls to		
Name	Scott T. Weingaertner	
Telephone	(212) 819-8200	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.		
Full name of sole or first inventor (given name, family name) Edward Colles Nevill		
Inventor's Signature	Edward Nevill	Date 1 st February 2002
Residence	Huntingdon, UK	Citizenship Irish
Mailing Address 16 High Street, Hemingford Grey, Huntingdon, PE28 9DR, UK		
Full name of second joint inventor (given name, family name)		
Inventor's Signature	Date	
Residence	Citizenship	
Mailing Address		
Full name of third joint inventor (given name, family name)		
Inventor's Signature	Date	
Residence	Citizenship	
Mailing Address		
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.		

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	TBA
Filing Date	TBA
First Named Investor	Nevill
Title	Interoperability with Multiple Instruction Sets
Group Art Unit	TBA
Examiner Name	TBA
Attorney Docket	1103179-0009

I hereby appoint:

☒ Practitioners at Customer Number
OR

007470

Place Customer
Number Bar Code
Label here

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number
OR

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OR

Place Customer
Number Bar Code
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☐ Firm or
Individual Name

Address

Address

City

state

zip

County

Telephone

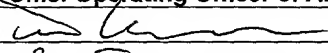
Fax

I am the:

☐ Applicant/Inventor

☒ Assignee of record of the entire interest. See 37 CFR 3.71
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

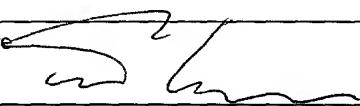
SIGNATURE of Assignee of Record

Name	W. Tudor Brown
Title	Chief Operating Officer of ARM Limited
Signature	
Date	30 Jan 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of **one** forms are submitted.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number 1103179-0009	
This is part of the application for a reissue patent based on the original patent identified below.			
Name of Patentee(s)		Edward Colles Nevill	
Patent Number	6,021,265	Date Patent Issued	Feb. 1, 2000
Title of Invention		Interoperability with Multiple Instruction Sets	
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>			
The assignee(s) owning an undivided interest in said original patent is/are <u>ARM Limited</u> , and the assignee(s) consents to the accompanying application for reissue.			
Name of assignee: ARM Limited			
Signature 		Date 30. Jan 2002	
Typed or printed name and title of person signing for assignee (if assigned)			
W. Tudor Brown Chief Operating Officer			